



NOV 0 7 2007

07-ESQ-205

Ms. Jane A. Hedges, Program Manager Nuclear Waste Program Washington State Department of Ecology 3100 Port of Benton Blvd. Richland, Washington 99354



Dear Ms. Hedges:

SUBMITTAL OF HANFORD FACILITY RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) PERMIT MODIFICATION NOTIFICATION FORM 24590-WTP-PCN-ENV-06-001

Reference: W.

WA7890008967, "Dangerous Waste Portion of the Hanford Facility Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of

Dangerous Waste, Part III, Operating Unit 10, 'Waste Treatment and

Immobilization Plant."

This letter transmits Hanford Facility RCRA Permit Modification Notification Form 24590-WTP-PCN-ENV-06-001, attached, for the Washington State Department of Ecology (Ecology) review and approval. The form describes a requested Class 1 modification to the Reference.

Permit Modification Notification Form 24590-WTP-PCN-ENV-06-001 updates the Piping and Instrumentation Diagram Symbols and Legend (24590-WTP-M6-50-P0001 through P0006) found in Appendix 5 of the Reference.

Ecology was provided an opportunity to review the modification notification form and the associated information.

If you have any questions, please contact me, or your staff may contact Lori A. Huffman, Office of Environmental Safety and Quality, (509) 376-0104.

Sincerely,

Shirley J. Olinger, Acting Manager

Office of River Protection

ESQ:LAH

Attachment

cc: See page 2

cc w/attach:

Administrative Record

BNI Correspondence

Environmental Portal, LMSI

cc electronic:

J. Colby, BNI

W. S. Elkins, BNI

B. G. Erlandson, BNI

P. A. Fisher, BNI

J. S. Hill, BNI

S. Murdock, BNI

P. Peistrup, BNI

D. Becker, Ecology

B. Becker-Khaleel, Ecology (1 hard copy)

R. Biyani, Ecology

E. A. Fredenburg, Ecology

T. Gao, Ecology

A. A. Hamar, Ecology

J. Hensley, Ecology

S. Lijek, Ecology

B. Speer, Ecology

T. Williams, Ecology

S. A. Thompson, FHI

A. C. McKarns, RL

D. J. Sommer, SCS

cc w/o attach:

D. A. Klein, BNI

J. Cox, CTUIR

S. Harris, CTUIR

S. L. Dahl, Ecology

G. P. Davis, Ecology

G. Bohnee, NPT

K. Niles, Oregon Energy

R. Jim, YN

Attachment 07-ESQ-205

Hanford Facility RCRA Permit Modification Notification Form 24590-WTP-PCN-ENV-06-001

Hanford Facility RCRA Permit Modification Notification Form Part III, Operating Unit 10

Waste Treatment and Immobilization Plant

Index

Page 2 of 3:

Hanford Facility RCRA Permit, Part III, Operating Unit 10, Waste Treatment and Immobilization Plant Update WTP Vitrification Building Piping and Instrumentation Diagrams (P&ID), "P&ID Symbols and Legend" in Appendix 5 of the Dangerous Waste Permit.

Submitted by Co-Operator:

Reviewed by ORP Program Office:

D. A. Klein

Date

S I Oliogad

Hanford Facility RCRA Permit Modification Notification Form				
Permit Part & Chapter:				
Part III, Operating Unit 10				

Description of Modification:

The purpose of this Class 1 prime modification is to update Piping and Instrumentation Diagrams, "P&ID Symbols and Legend," sheets one through six. The following permit P&IDs are submitted to replace those currently in Appendix 5.

Replace:	24590-WTP-M6-50-P0001, Rev. 1	With:	24590-WTP-M6-50-P0001, Rev. 2
	24590-WTP-M6-50-P0002, Rev. 1		24590-WTP-M6-50-P0002, Rev. 2
	24590-WTP-M6-50-P0003, Rev. 1		24590-WTP-M6-50-P0003, Rev. 2
	24590-WTP-M6-50-P0004, Rev. 1		24590-WTP-M6-50-P0004, Rev. 2
	24590-WTP-M6-50-P0005, Rev. 1		24590-WTP-M6-50-P0005, Rev. 2
	24590-WTP-M6-50-P0006, Rev. 1		24590-WTP-M6-50-P0006, Rev. 2
			24590-WTP-M6-50-P0007, Rev. 0
			24590-WTP-M6-50-P0008, Rev. 0

The referenced P&IDs are complete revisions. They incorporate changes provided in applicable document change forms (DCNs) and changes associated with the resolution to comments on DCNs since the issuance of the last revision of the permit drawings. This modification requests Ecology approval of the specific changes to these P&IDs that are indicated by notes, clouds, and revision triangles shown on the "information only" version of the permit drawings included to support review of this PCN. Unclouded versions of the permit drawings are provided for incorporation into the permit. Revisions are the result of ongoing design changes. The following identifies the significant types of changes on the attached drawings.

Summary of changes to Symbols and Legends sheets 1-8:

- Added and modified symbols
- Added and modified descriptions of symbols
- Added and deleted notes
- Moved symbols to other categories/columns or sheets:
- Added naming conventions to -P0002
- Modified instrument code letter identification on -P0004
- Added and modified typical P&ID details (e.g., fluidics details on -P0006)
- Added two drawings -P0007 and -P0008 to handle overflow from other drawings
- Added piping slope notes to -P0008

There are no outstanding DCNs against these drawings.

Quarter Ending 12/30/07

24590-WTP-PCN-ENV-06-001

WAC 173-303-830 Modification Class: 12	Class 1	Class 11	Class 2	Class 3					
Please mark the Modification Class:		X							
Enter Relevant WAC 173-303-830, Appendix I Modification		NA							
Enter wording of WAC 173-303-830, Appendix I Modification citation: NA									
In accordance with WAC 173-303-830(4)(d)(i), this modification notification is requested to be reviewed and approved as a Class ¹ 1 modification. WAC 173-303-830(d)(ii) states, "Class 1 modifications apply to minor changes that keep the permit current with routine changes to facility or its operation. These changes do not substantially after the permit conditions or reduce the capacity of the facility to protect human health or the environment. In the case of Class 1 modifications, the director may require prior approval."									
Modification Approved: Yes No (state real Reason for denial:	ason for denial) Re	Reviewed by Ecology:						
		B. Becke	r-Khaleel	Date					

¹ Class 1 modifications requiring prior Agency approval.

² If the proposed modification does not match any modification listed in WAC 173-303-830 Appendix I, then the proposed modification should automatically be given a Class 3 status. This status may be maintained by the Department of Ecology, or down graded to a Class '1, if applicable.















